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PTO/SB/05 (11-00)

Applicable for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

03142-P0060A

First Inventor

Robert Alan Hault, et al.

Title

Small Detector Array For Infrared Imaging Microscope

Express Mail Label No.

EL 550 088 074 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **33**]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims(s)
 - Abstract of the Disclosure
4. ☒ Drawings(s) (35 USC 113) [Total Sheets **4**]
5. ☐ Oath or Declaration [Total Pages **0**]
 - a. ☐ New executed (original or copy)
 - b. ☐ Copy from prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b.: Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 of its equivalent.
17. ☒ Other: Priority Document Filing Receipt
EP 00307372.3 filed August 29, 2000

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part

of prior application No.:

Prior application information: Examiner Group/Art Unit:

Priority Claimed: EP 00307372.3 filed August 29, 2000

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☒ Customer Number of Bar Code Label

24126

(Insert Customer No. or Attach bar code label here)

☒ Correspondence address below

Name	Wesley W. Whitmyer, Jr.				
Address	St. Onge Steward Johnston & Reens LLC 986 Bedford Street				
City	Stamford	State	CT	Zip Code	06905-5619
Country	United States	Telephone	203 324-6155	Fax	203 327-1096

Name (Print/Type)	Wesley W. Whitmyer, Jr.	Registration No. (Attorney/Agent)	33,558
Signature	[Signature]		Date 8/29/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Times will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OF COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision

Complete if Known

Application No.	
Filing Date	August 29, 2001
First Named Inventor	Robert Alan Hoult, <i>et al.</i>
Examiner Name	
Group Art Unit	
Attorney Docket Number	03142-P0060A WWW

TOTAL AMOUNT OF PAYMENT

(\$) 1,052.00

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit
Account
Number

19-4516

Deposit
Account
Name

St.Onge Steward Johnston & Reens LLC

- ☒ Charge Any Additional Fee Required
Under CFR 1.16 and 1.17
Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ **Payment Enclosed:**

☒ Check ☐ Credit Card ☐ Money ☐ Other
Order

FEE CALCULATION**BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$) 710.00

EXTRA CLAIMS FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claims, if not paid	
109	80	209	40	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 342.00

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing for or oath	
127	50	227	25	Surcharge - late provisional filing or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840	Requesting publication of SIR after Examiner Action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	240	126	240	Submission of Informational Disclosure Stmt	
581	40	581	40	Recording each patent assignment per Property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

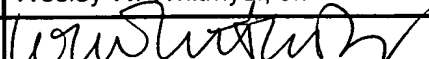
* Reduced by Basic Filing Fee paid

SUBTOTAL (3) (\$)

-0-

SUBMITTED BY St.Onge Steward Johnston & Reens LLC

Complete (if applicable)

Name (Print Type)	Wesley W. Whitmyer, Jr.	Registration No. (Attorney/Agent)	33,558	Telephone	203 324-6155
Signature		Date	8/29/01		

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Empfangsbescheinigung / Receipt for documents / Récépissé de documents 6

(Liste der diesem Antrag beigefügten Unterlagen) (Checklist of enclosed documents) (Liste des documents annexés à la présente requête)

Es wird hiermit der Empfang der unten bezeichneten Dokumente bescheinigt / Receipt of the documents indicated below is hereby acknowledged / Nous attestons le dépôt des documents désignés ci-dessous

Wird im Falle der Einreichung der europäischen Patentanmeldung bei einer nationalen Behörde diese Empfangsbescheinigung vom Europäischen Patentamt übersandt, so ist sie als Mitteilung gemäß Regel 24(4) anzusehen (siehe Feld RENA). **Nach Erhalt der Mitteilung nach Regel 24(4) sind alle weiteren Unterlagen, die die Anmeldung betreffen, nur noch unmittelbar beim EPA einzureichen.** / If this receipt is issued by the European Patent Office and the European patent application was filed with a national authority it serves as a communication under Rule 24(4) (see Section RENA). **Once the communication under Rule 24(4) has been received, all further documents relating to the application must be sent directly to the European Patent Office.** / Si, en cas de dépôt de la demande de brevet européen auprès d'un service national, l'Office européen des brevets délivre le présent récépissé de documents, ce récépissé est réputé être la notification visée à la règle 24(4) (cf. rubrique RENA). **Dès que la notification visée à la règle 24(4) a été reçue, tous les autres documents relatifs à la demande doivent être adressés directement à l'OEB.**

Smith, Norman Ian
fJ Cleveland
40-43 Chancery Lane
London WC2A 1JQ
United Kingdom

Nur für amtlichen Gebrauch / For official use only / Cadre réservé à l'administration

Datum / Date



11017 U.S. PTO
09/942131

08/29/01

Unterschrift / Amtsstempel / Signature / Official stamp / Signature / Cachet officiel

Anmeldenummer / Application No. / N° de la demande		00307372.3	
Tag des Eingangs (Regel 24(2)) / Date of receipt (Rule 24(2)) / Date de réception (règle 24(2))	DREC	29 AUG 2000	
Zeichen des Anmelders/Vertreter / Applicant's/ Representative's ref. / Référence du demandeur ou du mandataire	AREF	NIS/DC/32485	
Nur nach Einreichung der Anmeldung bei einer nationalen Behörde: / Only after filing of the application with a national authority: / Seulement après le dépôt de la demande auprès d'un service national:			
Tag des Eingangs beim EPA (Regel 24(4)) / Date of receipt at EPO (Rule 24(4)) / Date de réception à l'OEB (règle 24(4))	RENA		

A. Anmeldeunterlagen und Prioritätsbeleg(e) / Application documents and priority document(s) / Pièces de la demande et document(s) de priorité	47	Stückzahl / Number of copies / Nombre d'exemplaires	Blattzahl* eines Stücks / Number of sheets* in each copy / Nombre de feuilles* par exemplaire	Gesamtzahl der Abbildungen* / Total number of figures* / Nombre total de figures*
1. Beschreibung (ohne Sequenzprotokollteil) / Description (excluding sequence listing part) / Description (sauf partie réservée au listage des séquences)		3	24	
2. Patentansprüche / Claim(s) / Revendication(s)		3	8	
3. Zeichnung(en) / Drawing(s) / Dessin(s)	DRAW 1 #	3	4	4
4. Sequenzprotokollteil der Beschreibung / Sequence listing part of description / Partie de la description réservée au listage des séquences				
5. Zusammenfassung / Abstract / Abrégé		3	1	
6. Übersetzung der Anmeldeunterlagen / Translation of the application documents / Traduction des pièces de la demande				
7. Prioritätsbeleg(e) / Priority document(s) / Document(s) de priorité				
8. Übersetzung des (der) Prioritätsbeleg(s) / Translation of priority document(s) / Traduction du (des) document(s) de priorité				
B. Der Anmeldung in der eingereichten Fassung liegen folgende Unterlagen bei: / This application as filed is accompanied by the items below: / A la présente demande sont annexées les pièces suivantes:	48			
1. Einzelvollmacht / Specific authorisation / Pouvoir particulier	<input type="checkbox"/>			
2. Allgemeine Vollmacht / General authorisation / Pouvoir général	<input type="checkbox"/>			
3. Erfindernennung / Designation of inventor / Désignation de l'inventeur	<input type="checkbox"/>			
4. Früherer Recherchenbericht / Earlier search report / Rapport de recherche antérieure	<input type="checkbox"/>			
5. Gebührenzahlungsvordruck (EPA Form 1010) / Voucher for the settlement of fees (EPO Form 1010) / Bordereau de règlement de taxes (OEB Form 1010)	<input checked="" type="checkbox"/>			
6. Scheck (nicht bei Einreichung bei den nationalen Behörden) / Cheque (not when filing with national authorities) / Chèque (pas de chèque en cas de dépôt auprès des services nationaux)	<input type="checkbox"/>			
7. Datenträger für Sequenzprotokoll / Data carrier for sequence listing / Support de données pour liste de séquences	<input type="checkbox"/>			
8. Zusatzblatt / Additional sheet / Feuille additionnelle	<input checked="" type="checkbox"/>			
9. Sonstige Unterlagen (bitte hier spezifizieren) / Other documents (please specify here) / Autres documents (veuillez préciser)	<input type="checkbox"/>			
C. Kopien dieser Empfangsbescheinigung / Copies of this receipt for documents / Copies du présent récépissé de documents	49	3	Anzahl der Kopien / Number of copies / Nombre de copies	

* Die Richtigkeit der Angabe der Blattzahl und der Gesamtzahl der Abbildungen wurde bei Eingang nicht geprüft / No check was made on receipt that the number of sheets and the total number of figures indicated were correct / L'exactitude du nombre de feuilles et du nombre total de figures n'a pas été contrôlée lors du dépôt

NIS/DC/32485